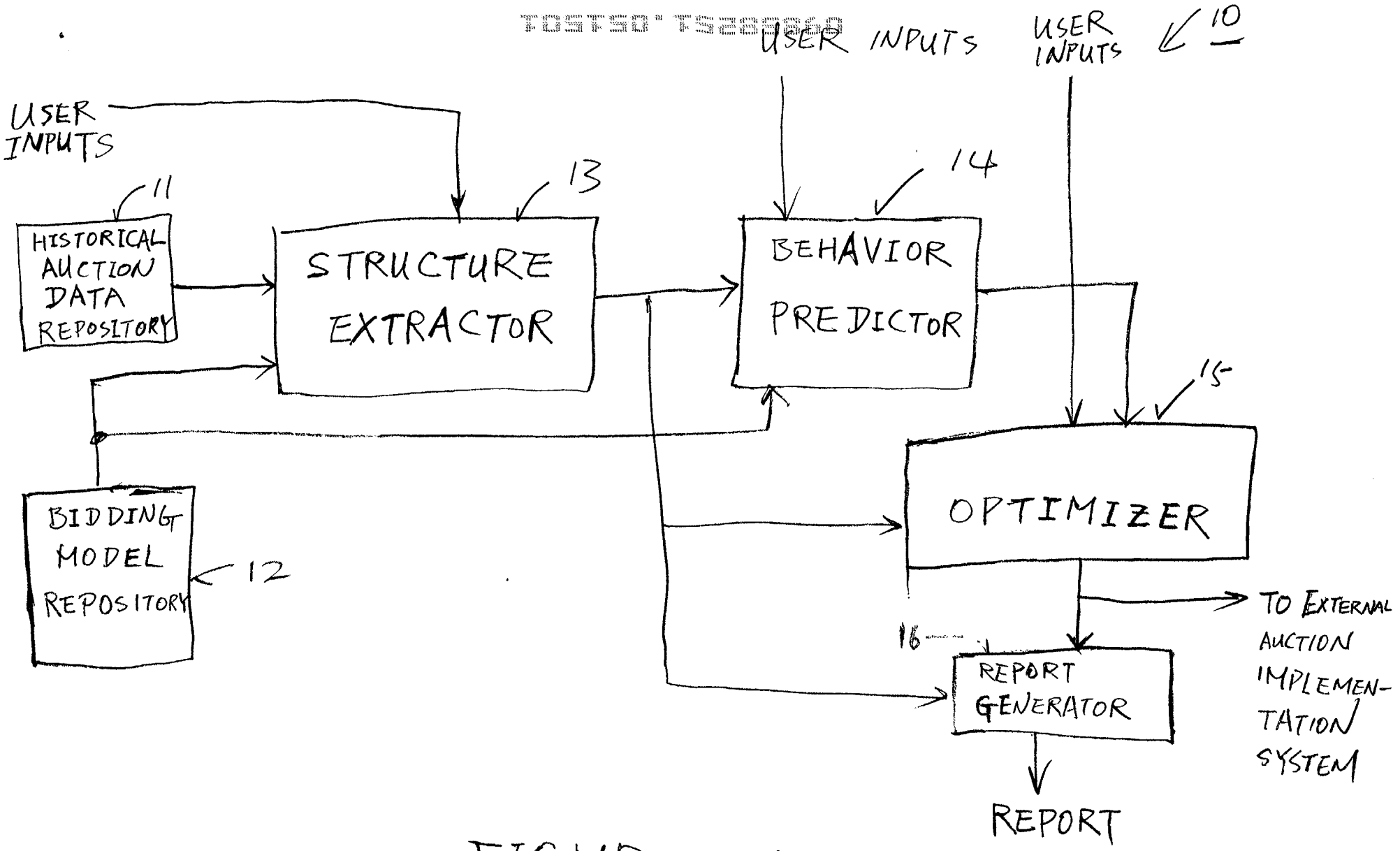
USER INPUTS
USER INPUTS
10
USER INPUTS
11
13
14
HISTORICAL AUCTION DATA REPOSITORY
STRUCTURE EXTRACTOR
BEHAVIOR PREDICTOR
15
BIDDING MODEL REPOSITORY
12
OPTIMIZER
TO EXTERNAL AUCTION IMPLEMENTATION SYSTEM
16
REPORT GENERATOR
REPORT

FIGURE 1

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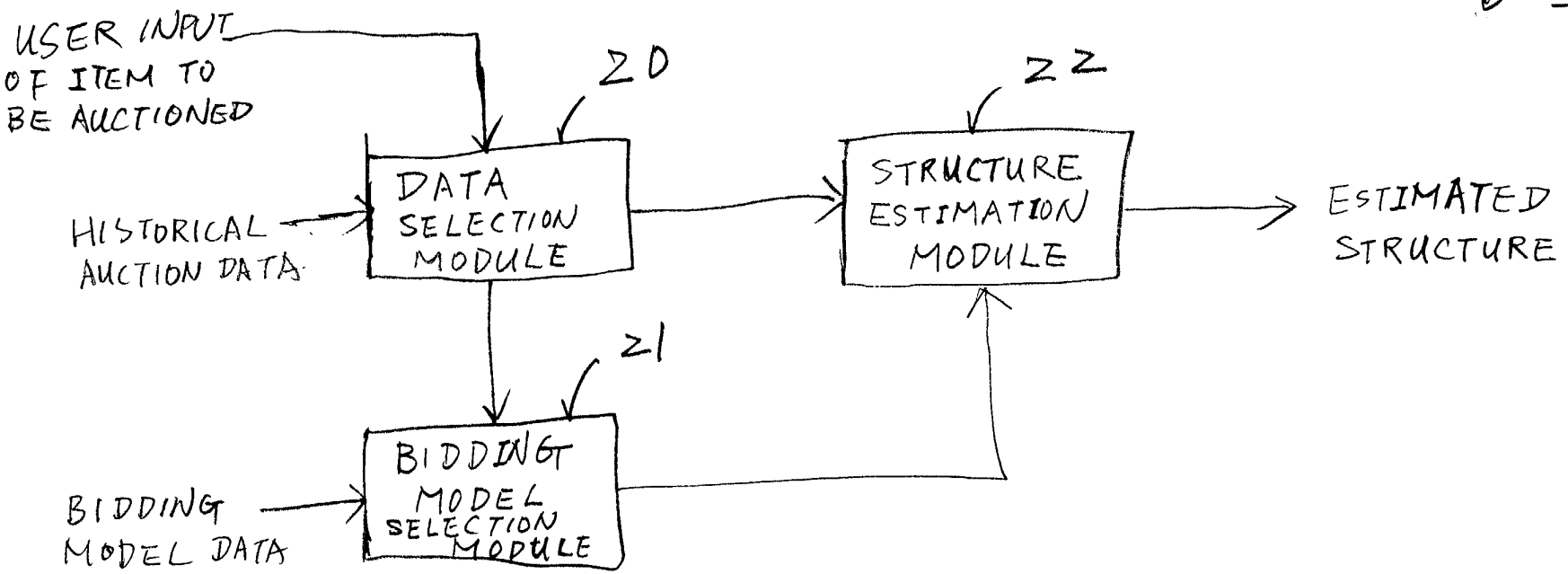

FIGURE 2

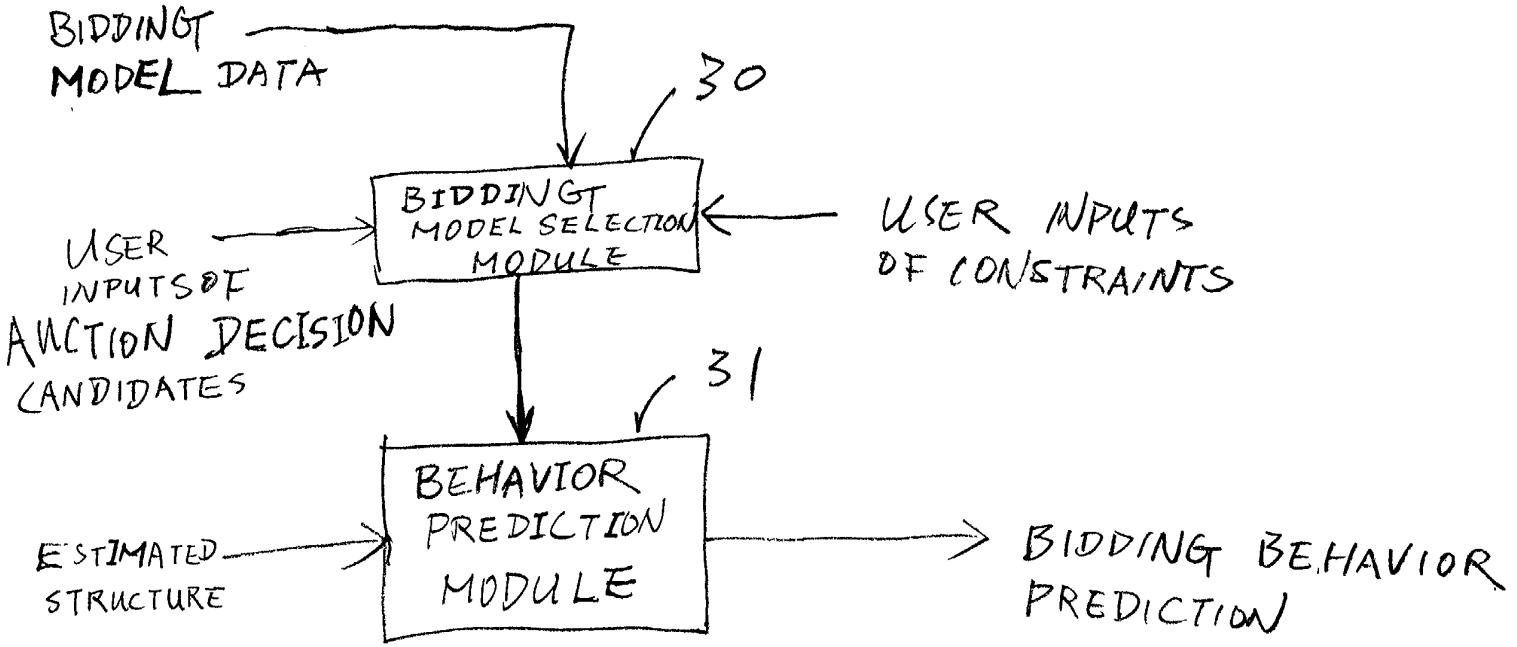
BIDDING MODEL DATA
30
14
BIDDING MODEL SELECTION MODULE
USER INPUTS OF CONSTRAINTS
USER INPUTS OF AUCTION DECISION CANDIDATES
31
BEHAVIOR PREDICTION MODULE
ESTIMATED STRUCTURE
BIDDING BEHAVIOR PREDICTION

FIGURE 3

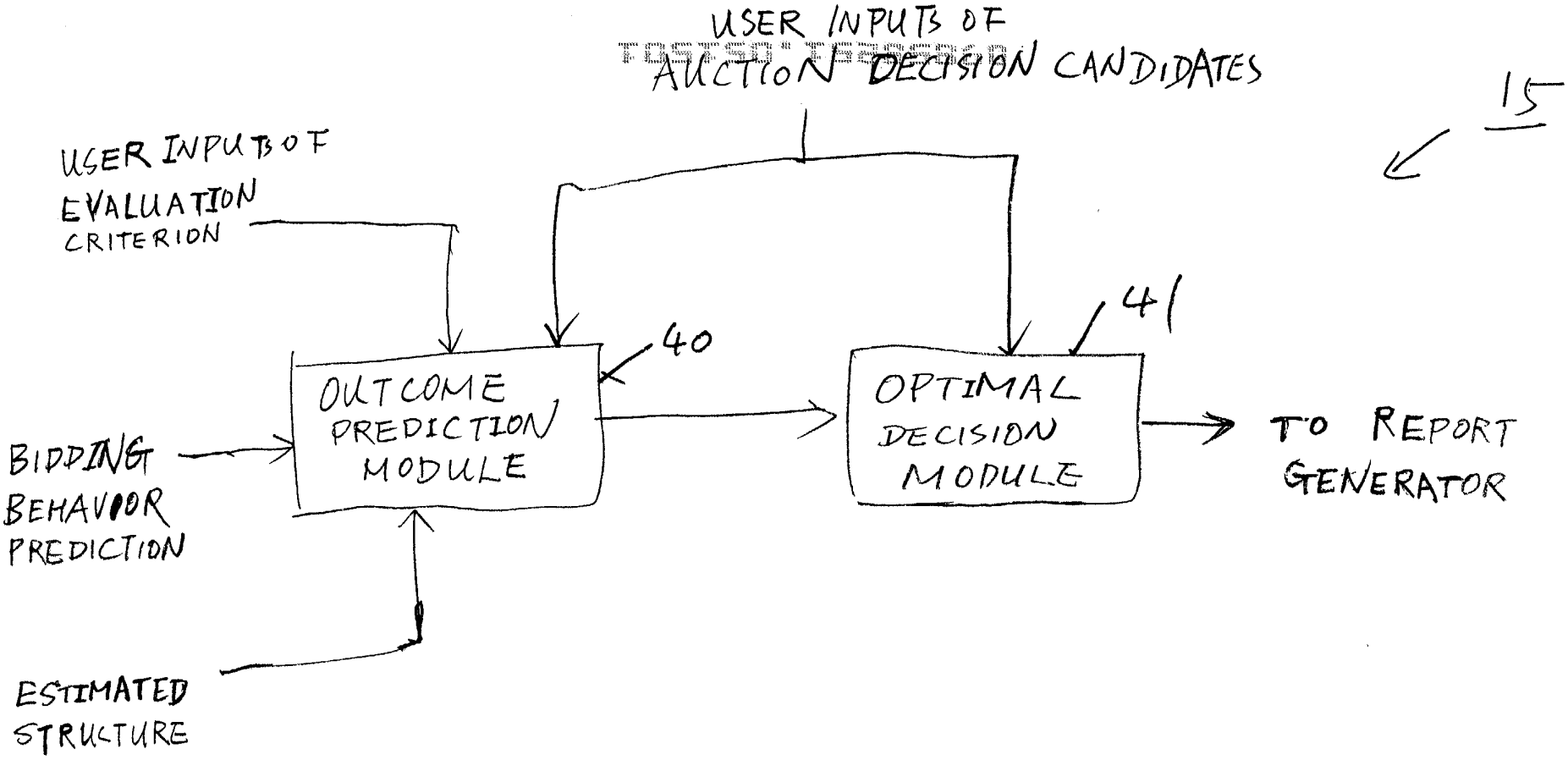
USER INPUTS OF AUCTION DECISION CANDIDATES
15
USER INPUTS OF EVALUATION CRITERION
40
41
OUTCOME PREDICTION MODULE
OPTIMAL DECISION MODULE
TO REPORT GENERATOR
BIDDING BEHAVIOR PREDICTION
ESTIMATED STRUCTURE

FIGURE 4

DATA SELECTION MODULE

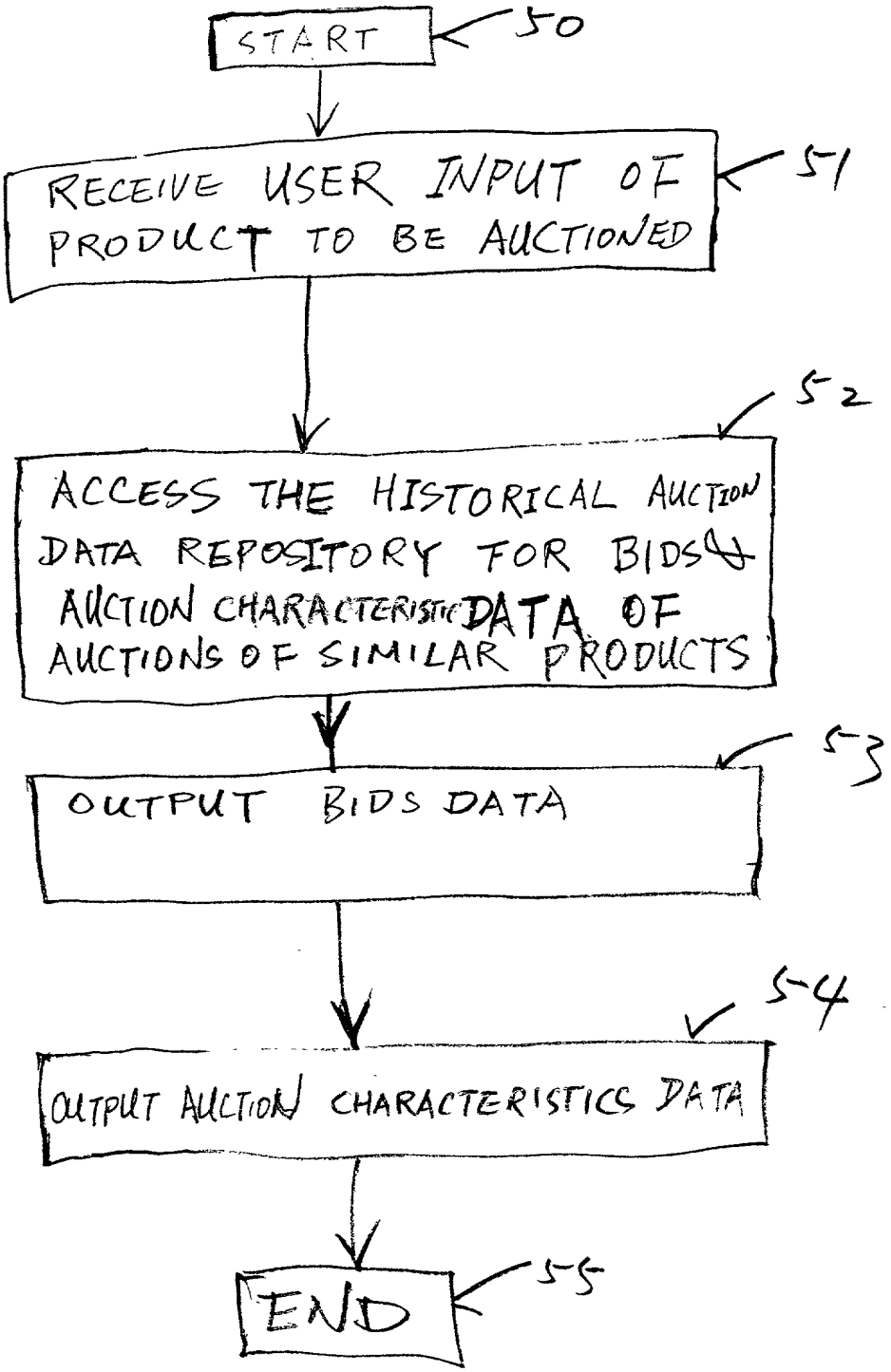

FIGURE 5

BIDDING MODEL SELECTION MODULE

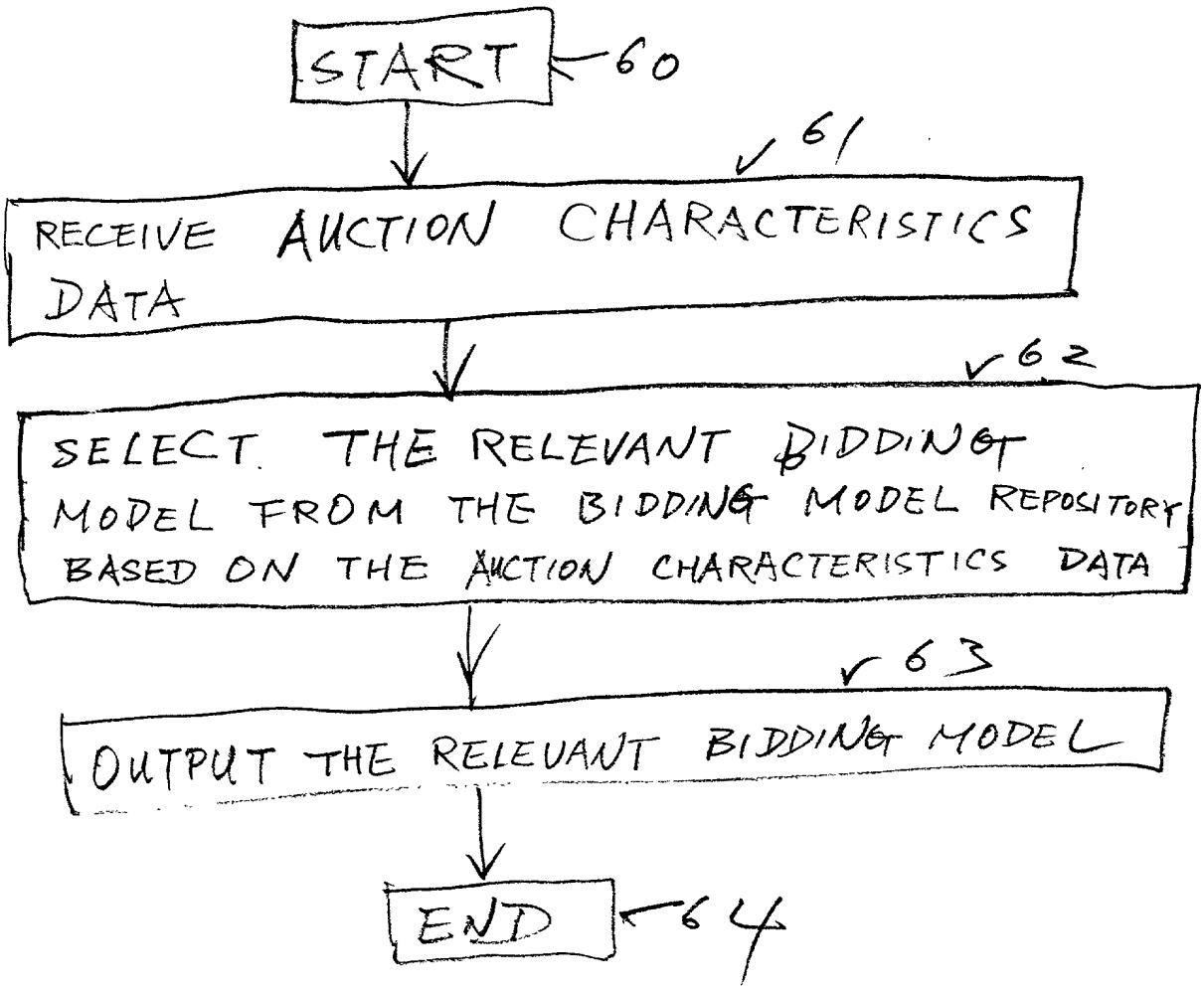

FIGURE 6

STRUCTURE ESTIMATION MODULE.

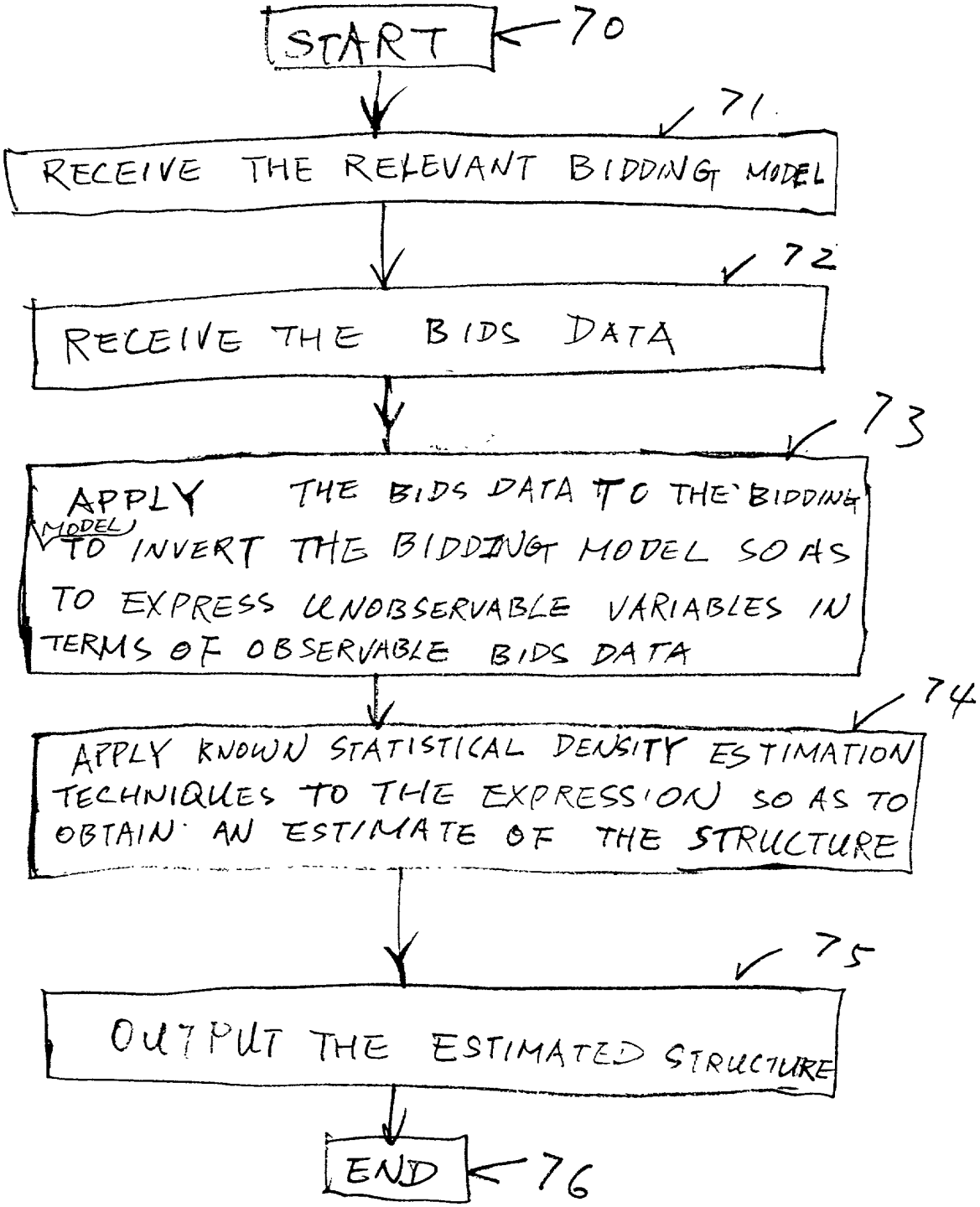

FIGURE 7

BEHAVIOR PREDICTION MODULE

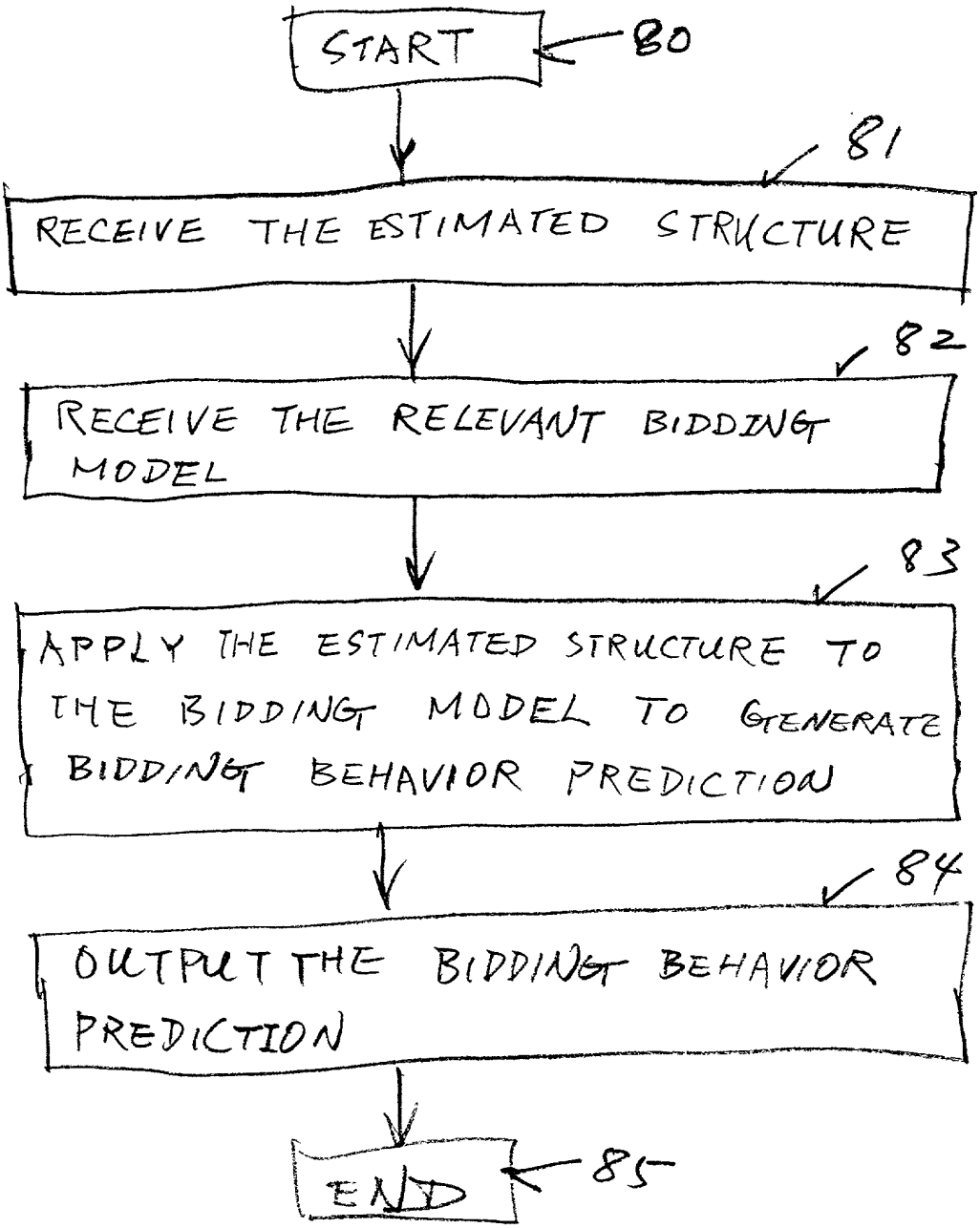

FIGURE 8

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OUTPUT PREDICTION MODULE

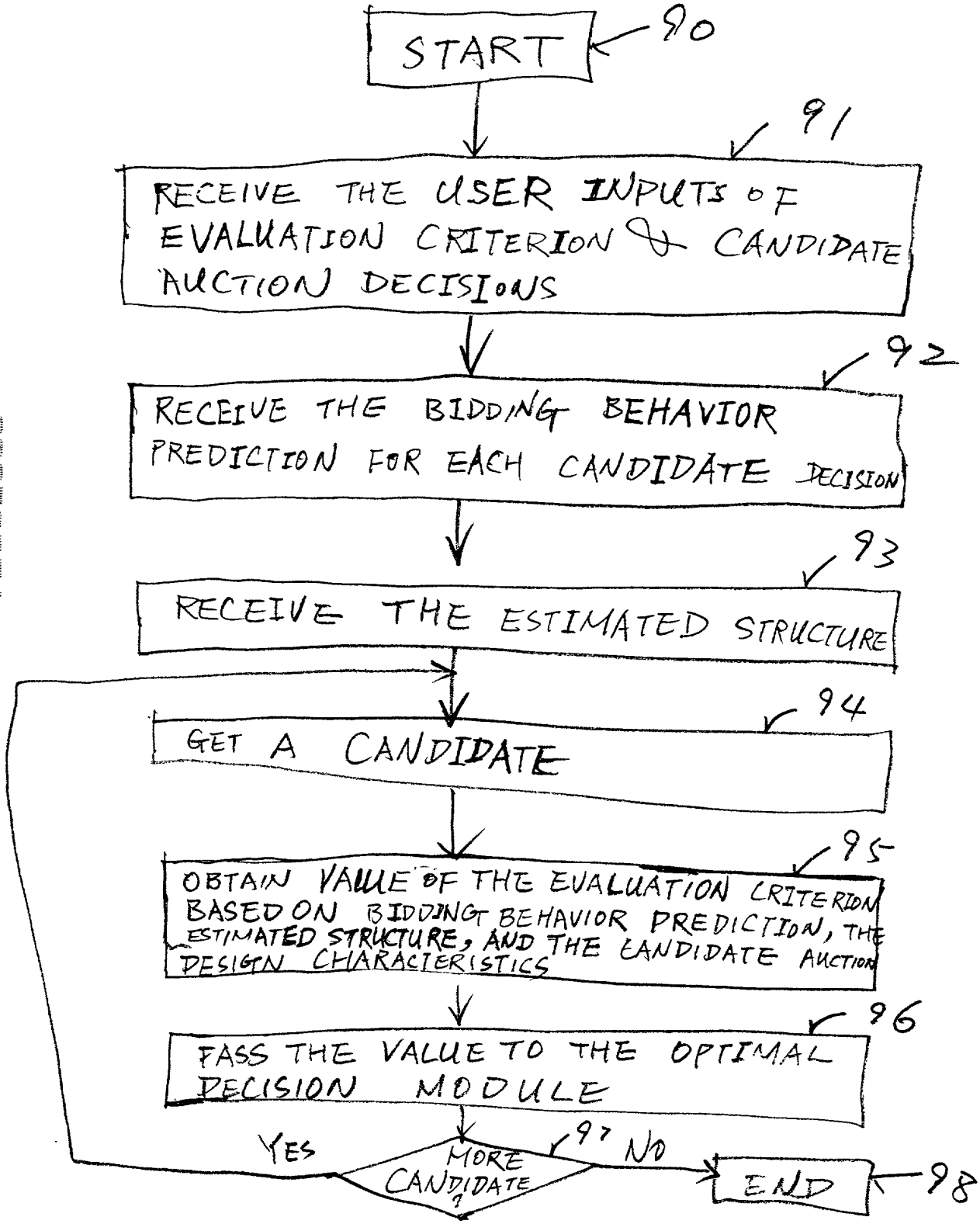

FIGURE 9

OPTIMAL DECISION MODULE

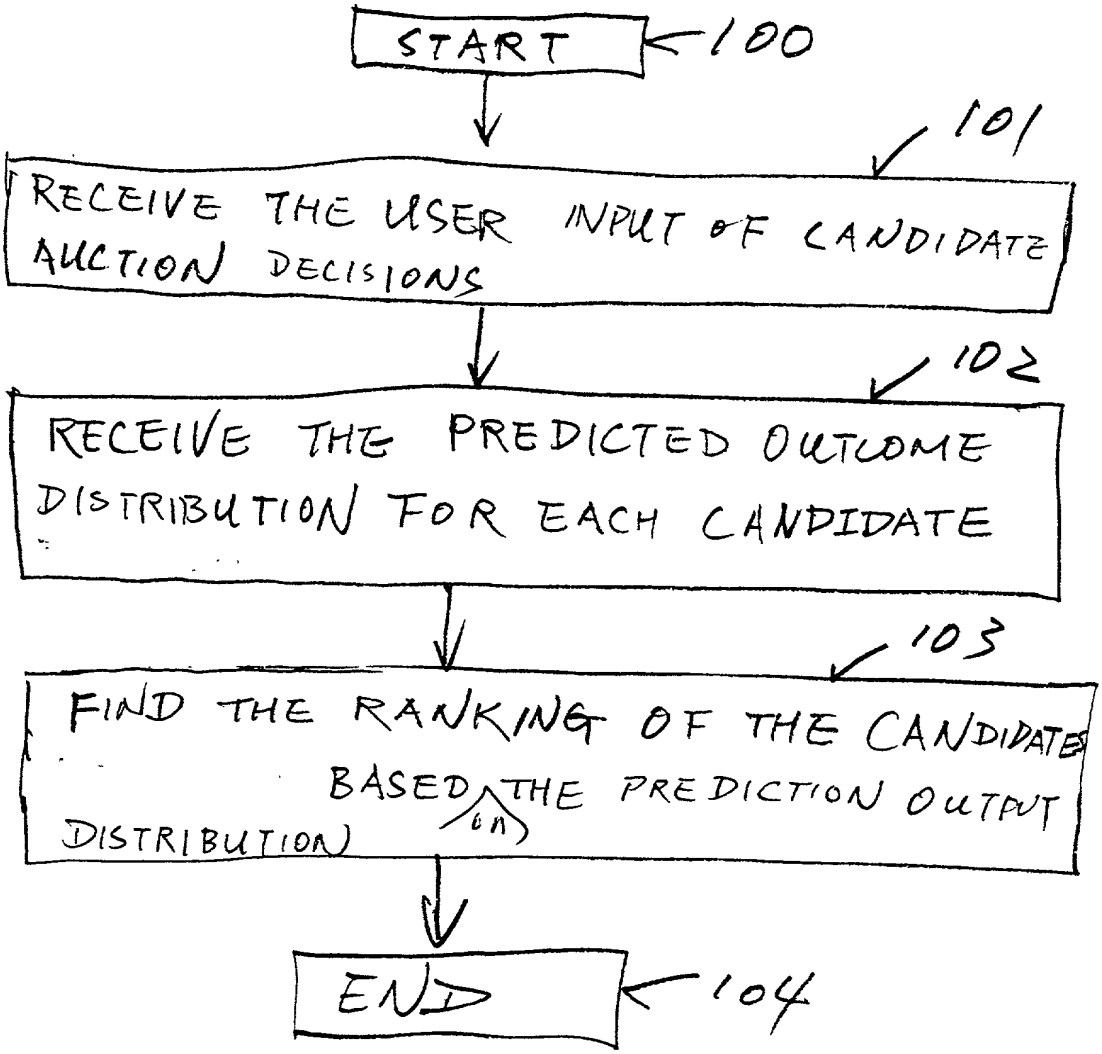

FIGURE 10